

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20050026570 A1	20050203	9	TDMA transceiver including Cartesian feedback loop circuit	455/73
2	US 20040204039 A1	20041014	11	Multi-bank radio terminal and band switching method used therefor and program thereof	455/553.1
3	US 20040204037 A1	20041014	6	RF front-end for dual-band wireless transceiver module	455/553.1
4	US 20040204036 A1	20041014	10	Configurable multi-band RF transceiver with a cascaded frequency conversion scheme	455/553.1
5	US 20040198420 A1	20041007	7	RF front-end of dual-mode wireless transceiver	455/552.1
6	US 20040198291 A1	20041007	16	GAIT antenna interface with special isolation mode	455/269
7	US 20040152484 A1	20040805	10	Multi-band transceivers with reduced frequency sources for digital transmissions	455/552.1
8	US 20030193923 A1	20031016	33	Shared functional block multi-mode multi-band communication transceivers	370/342
9	US 20030119550 A1	20030626	6	Intersystem handover	455/553.1
10	US 20020177465 A1	20021128	26	Multi-mode satellite and terrestrial communication device	455/552.1
11	US 20020173337 A1	20021121	19	Concurrent dual-band receiver architecture	455/552.1
12	US 20020142796 A1	20021003	10	Antenna switch assembly, and associated method, for a radio communication station	455/553.1
13	US 20020082045 A1	20020627	15	Mobile telephone apparatus	455/553.1
14	US 20020061765 A1	20020523	10	Frequency generating system for a mobile radio dual-band transceiver	455/552.1

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1	455/552.1; 455/67.11; 455/69	Han, Jae-Hee
2	455/552.1	Ogawa, Ryutaro
3	455/552.1	He, Ziming et al.
4	455/313; 455/323; 455/552.1	Yang, Steve S.
5	455/553.1; 455/78	He, Ziming et al.
6	455/271; 455/552.1	Wilcox, Bruce
7	455/73	Pratt, Stephen J.
8	370/320; 370/321; 370/330; 370/347; 455/552.1; 455/84	Abdelgany, MohyEldeen Fouad et al.
9		Rinne, Mikko et al.
10		Robinett, Robert L.
11		Hajimiri, Seyed- Ali et al.
12	455/280	Sutton, Gregory et al.
13		Fujioka, Toru et al.
14		Herzinger, Stefan

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15	US 20010027119 A1	20011004	15	Mobile communication device and high-frequency composite unit used in the same	455/553.1
16	US 6917815 B2	20050712	19	Concurrent dual-band receiver architecture	455/552.1
17	US 6912376 B1	20050628	6	Mobile phone transceiver	455/77
18	US 6865399 B2	20050308	15	Mobile telephone apparatus	455/553.1
19	US 6795714 B1	20040921	9	Multiband antenna switcher	455/552.1
20	US 6745046 B1	20040601	6	Integrated antenna coupler element	455/552.1

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15		Furutani, Koji et al.
16	455/285; 455/302	Hajimiri; Seyed-Ali et al.
17	455/112; 455/550.1; 455/552.1; 455/76; 455/78; 455/85; 455/86	Smith; Donald E. et al.
18	455/111; 455/113; 455/127.2; 455/552.1; 455/75	Fujioka; Toru et al.
19	455/180.1; 455/550.1; 455/553.1; 455/82	Fickenscher; Thomas et al.
20	343/702; 343/709; 455/180.1; 455/553.1	Eckert; Rainer et al.

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21	US 6731953 B1	20040504	24	Apparatus and method for asymmetrical frequency spectrum utilization in a wireless network	455/561
22	US 6725058 B2	20040420	6	Intersystem handover	455/553.1
23	US 6708044 B1	20040316	22	Apparatus and method for automated band selection via synthesizer bit insertion	455/552.1
24	US 6640091 B1	20031028	10	Dual-band output switching high-frequency transmission circuit with a transmission mixer having two outputs	455/118
25	US 6600931 B2	20030729	9	Antenna switch assembly, and associated method, for a radio communication station	455/552.1
26	US 6584090 B1	20030624	18	System and process for shared functional block CDMA and GSM communication transceivers	370/342

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21	370/310; 370/343; 455/517; 455/550.1; 455/552.1; 455/553.1; 455/562.1	McGowan; Neil et al.
22	370/331; 455/432.1; 455/438; 455/552.1	Rinne; Mikko et al.
23	455/550.1; 455/75; 455/76	Puknat; William et al.
24	331/18; 455/552.1; 455/553.1; 455/63.3; 455/91	Shiraishi; Osamu
25	455/426.1; 455/553.1; 455/78	Sutton; Gregory et al.
26	370/320; 370/345; 370/347; 455/552.1; 455/82; 455/84	Abdelgany; MohyEldeen Fouad et al.

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27	US 6563396 B2	20030513	15	Composite high frequency component and mobile communication apparatus incorporating the same	333/133
28	US 6522895 B1	20030218	7	Integrated transmitter and receiver components for a dual-band transceiver	455/553.1
29	US 6484038 B1	20021119	32	Method and apparatus for generating a plurality of reference frequencies in a mobile phone using a common crystal reference oscillator	455/552.1
30	US 6484013 B1	20021119	12	Dual-band transceiver and control method therefor	455/73
31	US 6445262 B1	20020903	14	Composite high frequency component and mobile communication apparatus incorporating the same	333/133
32	US 6415159 B1	20020702	9	Band selection method for dual-band mobile phone and mobile phone using the same method	455/558
33	US 6405024 B1	20020611	9	Frequency synthesizer with a phase-locked loop for receiving and processing signals in different frequency bands	455/260

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27	333/101; 333/185; 333/193; 455/552.1; 455/83	Tanaka; Koji et al.
28	455/188.1; 455/78; 455/83	Montalvo; Antonio
29	455/553.1; 455/76	Gore; Charles et al.
30	455/180.1; 455/552.1; 455/553.1	Ishii; Katsuhiro
31	333/101; 333/185; 455/552.1; 455/83	Tanaka; Koji et al.
32	379/357.0 1; 455/552.1	Miyashita; Tsutomu
33	327/105; 327/156; 375/376; 455/553.1; 455/76; 455/84	Goetz; Edmund et al.

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34	US 6400961 B1	20020604	9	Method and apparatus for reducing the power consumption of mobile multimode communication terminals	455/552.1
35	US 6366788 B1	20020402	14	Mobile telephone system	455/553.1
36	US 6363260 B1	20020326	12	System and method for edge of coverage detection in a wireless communication device	455/553.1
37	US 6298244 B1	20011002	12	Dual-band, dual-mode power amplifier	455/553.1
38	US 6216012 B1	20010410	11	Dualband power amplifier control using a single power amplifier controller	455/553.1
39	US 6198943 B1	20010306	10	Parasitic dual band matching of an internal looped dipole antenna	455/553.1
40	US 6091966 A	20000718	10	Dual-band, dual-mode power amplifier	455/553.1
41	US 6088348 A	20000711	12	Configurable single and dual VCOs for dual- and tri-band wireless communication systems	370/343
42	US 6011959 A	20000104	10	Combiner circuit for dual band voltage controlled oscillators	455/76
43	US 5995814 A	19991130	14	Single-stage dual-band low-noise amplifier for use in a wireless communication system receiver	455/180.1

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35	330/51; 333/104; 333/105; 455/188.1	Fujioka; Toru et al.
36	455/513	Achour; Baaziz et al.
37	330/126; 330/295; 330/51; 455/93	Boesch; Ronald D. et al.
38		Jensen; Niels J.
39	343/702; 455/129	Sadler; Robert A. et al.
40	330/124R; 455/80	Meadows; Ronald C.
41	455/553.1	Bell, III; John H. et al.
42	333/132; 333/134; 455/188.1; 455/552.1; 455/78	Reeser; Glen O. et al.
43	455/552.1	Yeh; Hsi-Jen James

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44	US 5963852 A	19991005	12	Dual band mobile station	455/76
45	US 5890051 A	19990330	39	On-channel transceiver architecture in a dual band mobile phone	455/76
46	US 5854984 A	19981229	9	Radio telephone with detachable pager	455/552.1
47	US 5815525 A	19980929	19	Multi-band, multi-mode spread-spectrum communication system	375/130
48	US 5796772 A	19980818	22	Multi-band, multi-mode spread-spectrum communication system	375/130
49	US 5761623 A	19980602	20	Cellular telecommunications network having seamless interoperability between exchanges while supporting operation in multiple frequency hyperbands	455/552.1

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44	455/552.1	Schlang; Jeffrey A. et al.
45	455/315; 455/552.1; 455/86	Schlang; Jeffrey et al.
46	340/7.1; 340/7.63	Buhrmann; Michael et al.
47	375/295; 375/316; 455/552.1	Smith; Douglas G. et al.
48	375/219; 375/259; 455/127.4; 455/552.1	Smith; Douglas G. et al.
49	455/439; 455/450	Lupien; Francis et al.